GX-1200H
GUITAR AMPLIFIER

OWNER'S MANUAL

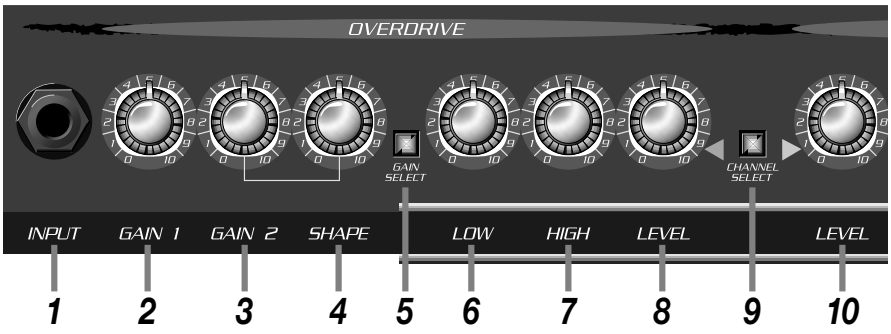
Congratulations!

You are now the proud owner of the Crate GX-1200H guitar amplifier. This rugged amp head combines outstanding features with serious clean and distorted sounds. Channel selection and Crate's exclusive Shape circuit are controllable by the supplied two-button footswitch. An insert jack allows virtually noise-free connection of your favorite effects.

Like all Crate products, your GX-1200H is Musician Made in the U.S.A., using only the best components. Extensive testing at the hands (and ears) of skilled technicians and musicians insures you that this amplifier is the absolute best it can be.

In order to get the most out of your new amplifier, we strongly urge you to go over the information contained in this manual before you begin playing.

And ***thank you*** for choosing CRATE®



1: INPUT: Connect your guitar here using a shielded instrument cable.

OVERDRIVE CHANNEL: *A high gain channel giving you sounds from a slight edge to serious overdrive.*

2: GAIN 1: When active, sets the amount of compression and distortion from the amplifier. At far left, the sound will have a thick compressed quality. As you turn the control to the right the amount of distortion increases. Gain 1 produces less intense distortion than Gain 2 and is active only when the Gain Select switch (#5) is **out**.

3: GAIN 2: When active, sets the amount of compression and distortion from the amplifier. At far left, the sound will have a thick compressed quality. As you turn the control to the right the amount of distortion increases. Gain 2 produces more intense distortion than Gain 1 and is active only when the Gain Select switch (#5) is **in**.

4: SHAPE: Working in conjunction with the Gain 2 control, rotate the Shape control until you find the sound you're looking for. Turning the control towards the left enhances the mid frequencies; turning it to the right enhances the low and high frequencies. (Only affects Gain 2 when active.)

5: GAIN SELECT: Switches between Gain 1 (out) and Gain 2 (in). A footswitch (#16) overrides this switch.

6: LOW: Adjusts the low frequency output level: to the left reduces the low frequency output; to the right increases it. This control allows a range of 11dB at 80Hz.

7: HIGH: Adjusts the high frequency output level: to the left reduces the high frequency output, to the right increases it. This control allows a range of 10dB at 10kHz.

8: LEVEL: Sets the output volume level from the Overdrive Channel: in the far-left position there is no output; turning the control to the right increases the output. Use this control along with the Gain and Shape controls (#2, 3 & 4) to create a wide variety of sounds.

9: CHANNEL SELECT: When this switch is pressed **in** the Overdrive Channel is engaged. The Clean Channel is selected when this switch is **out**. A footswitch (#16) overrides this switch. The adjacent LEDs indicate which channel is selected.

CLEAN CHANNEL: *A normal gain channel designed to give you crystal clear sounds.*

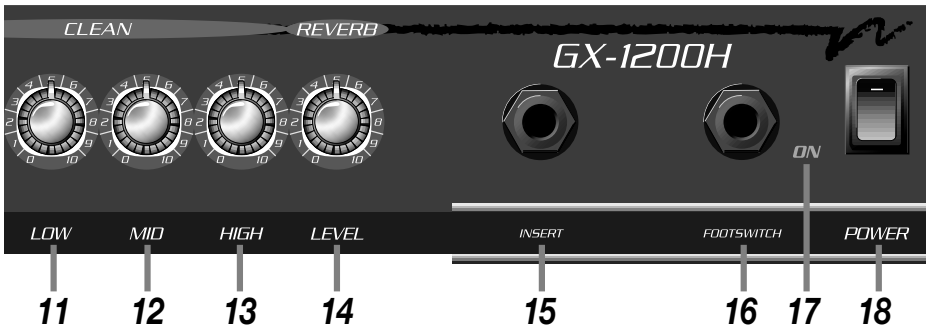
10: LEVEL: Sets the output volume level from the Clean Channel: in the far-left position there is no output; turning the control to the right increases the output level.

11: LOW: Adjusts the low frequency output level: to the left reduces the low frequency output; to the right increases it. This control allows a range of 22dB at 80Hz.

12: MID: Adjusts the mid frequency output level: to the left reduces the midrange output; turning it to the right increases it. This control allows a range of 14dB at 600Hz.

13: HIGH: Adjusts the high frequency output level: to the left reduces the high frequency output; to the right increases it. This control allows a range of 28dB at 10kHz.

14: REVERB LEVEL: Adjust the amount of reverberation with this control: in the full-left position the output signal is "dry" (no reverb); rotating the control to the right increases the amount of reverb.



1: INPUT: Connect your guitar here using a shielded instrument cable.

OVERDRIVE CHANNEL: *A high gain channel giving you sounds from a slight edge to serious overdrive.*

2: GAIN 1: When active, sets the amount of compression and distortion from the amplifier. At far left, the sound will have a thick compressed quality. As you turn the control to the right the amount of distortion increases. Gain 1 produces less intense distortion than Gain 2 and is active only when the Gain Select switch (#5) is **out**.

3: GAIN 2: When active, sets the amount of compression and distortion from the amplifier. At far left, the sound will have a thick compressed quality. As you turn the control to the right the amount of distortion increases. Gain 2 produces more intense distortion than Gain 1 and is active only when the Gain Select switch (#5) is **in**.

4: SHAPE: Working in conjunction with the Gain 2 control, rotate the Shape control until you find the sound you're looking for. Turning the control towards the left enhances the mid frequencies; turning it to the right enhances the low and high frequencies. (Only affects Gain 2 when active.)

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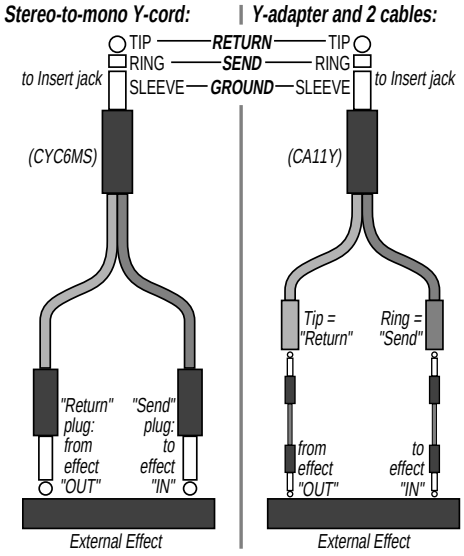
7: HIGH: Adjusts the high frequency output level: to the left reduces the high frequency output, to the right increases it. This control allows a range of 10dB at 10kHz.

8: LEVEL: Sets the output volume level from the Overdrive Channel: in the far-left position there is no output; turning the control to the right increases the output. Use this control along with the Gain and Shape controls (#2, 3 & 4) to create a wide variety of sounds.

9: CHANNEL SELECT: When this switch is pressed **in** the Overdrive Channel is engaged. The Clean Channel is selected when this switch is **out**. A footswitch (#16) overrides this switch.



GX-1200H Amplifier

GX-1200H TECHNICAL SPECIFICATIONS

Output Power Rating		70 watts RMS @ 5% THD 8 ohms load 120VAC 100 watts RMS @ 5% THD 4 ohms load 120VAC
Maximum Input Signal Level Accepted		8 volts, peak-to-peak
Total System Gain		Overdrive Channel: 110dB all controls @10, Gain 2; 88dB Gain 1 Clean Channel: 58dB all controls @10
Input Impedance		470k ohms
Overdrive Channel:	Low Control:	11dB Range @ 80Hz
	Shape Control:	Proprietary Circuit
	High Control:	10dB Range @ 10kHz
Clean Channel:	Low Control:	22dB Range @ 80Hz
	Mid Control:	14dB Range @ 600Hz
	High Control:	28dB Range @ 10kHz
Input Power Requirements		120 VAC, 60Hz, 230VA 100/115VAC, 50/60Hz, 230VA 230VAC, 50/60Hz, 230VA
Cabinet Size and Weight:		9-3/8" H x 19-3/4" W x 9-1/2" D, 25 lbs.

The GX-1200H is covered with a durable black Tolex material: wipe it clean with a lint-free cloth. Never spray cleaning agents onto the cabinet. Avoid abrasive cleansers which could damage the finish.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER.
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

ATTENTION
RISQUE D'ELECTROCUTION
NE PAS OUVRIR

ATTENTION: POUR REDUIRE D'ELECTROCUTION NE PAS ENLEVER LE COUVERCLE. AUCUNE PIECE INTERNE N'EST REPRABLE PAR L'UTILISATEUR. POUR TOUTE REPARATION, S'ADRESSER A UN TECHNICIEN QUALIFIE.

VORSICHT
ELEKTRISCHE SCHLAGGEFAHR
NICHT OFFENEN

VORSICHT: ZUR MINIMIERUNG ELEKTRISCHER SCHLAGGEFAHR NICHT DEN DECKEL ABEHNMEN. INTERNE TEILE KONNEN NICHT VOM BENUTZER GEWARTET WERDEN. DIE WARTUNG IS QUALIFIZIERTEM WARTUNGSPERSONAL ZU UBERLASSEN.

THIS EQUIPMENT HAS BEEN DESIGNED AND ENGINEERED TO PROVIDE SAFE AND RELIABLE OPERATION. IN ORDER TO PROLONG THE LIFE OF THE UNIT AND PREVENT ACCIDENTAL DAMAGES OR INJURY, PLEASE FOLLOW THESE PRECAUTIONARY GUIDELINES:

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT OPEN CHASSIS; DO NOT DEFEAT OR REMOVE THE GROUND PIN OF THE POWER CORD; CONNECT ONLY TO A PROPERLY GROUNDED AC POWER OUTLET.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION: NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CAUTION: OUR AMPLIFIERS ARE CAPABLE OF PRODUCING HIGH SOUND PRESSURE LEVELS. CONTINUED EXPOSURE TO HIGH SOUND PRESSURE LEVELS CAN CAUSE PERMANENT HEARING IMPAIRMENT OR LOSS. USER CAUTION IS ADVISED AND EAR PROTECTION IS RECOMMENDED IF UNIT IS OPERATED AT HIGH VOLUME.

EXPLANATION OF GRAPHICAL SYMBOLS:
EXPLICACION DE SIMBOLOS GRAFICOS:
EXPLICATION DES SYMBÔLES GRAPHIQUES:

= "DANGEROUS VOLTAGE" "VOLTAJE PELIGROSO" "DANGER HAUTE TENSION" "GEFAHLICHE SPANNUNG"

= "IT IS NECESSARY FOR THE USER TO REFER TO THE INSTRUCTION MANUAL" "ES NECESARIO QUE EL USUARIO SE REFIERA AL MANUAL DE INSTRUCCIONES." "REFERREZ-VOUS AU MANUAL D'UTILISATION" "UNBEDINGT IN DER BEDIENUNGSANLEITUNG NACHSCHLAGEN"

Crate continually develops new products, as well as improves existing ones. For this reason, the specifications and information in this Crate manual are subject to change without notice.

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